

What is Claimed Is
~~New Patent Claims~~

1. Method for controlling connections in a communication network,
 characterized in that

a) on the basis of the request of a service connection by a subscriber of the
 communication network, a signalling connection with respect thereto is
 set up between the subscriber and a service access means (LTG-I, POP
 server);

b) a payload connection associated with the signalling connection is only
 set up between service access means and subscriber given data traffic for
 the service and is in turn cleared down after the data transmission.

2. Method according to claim 1, characterized in that the services are a
 matter of voice services and/or data services (for example, Internet services).

3. Method according to claim 1 or 2, characterized in that a service is
 only charged by the communication network for time spans in which a
 signalling connection and a payload connection simultaneously exists for the
 service.

4. Method according to claim 3, characterized in that the payload
 connection of a service connection is not cleared down immediately after the
 end of the data transmission but only immediately before the expiration of the
 time interval that has already been charged.

5. Service means of a switching system that

a) controls service connections in a communication in order to support
 the access to a service via the communication network,
 characterized in that it

b) on the basis of the request of a service connection by a subscriber of the
 communication network, initiates the setup of a service-related
 signalling connection between subscriber and service access means
 (LTG-I, POP server);

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